

Substitute for form 1449A/PTO



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Application Number	10/539,723
Filing Date	June 20, 2005
First Named Inventor	Michaela HOEHNE et al.
Art Unit	1638
Examiner Name	To Be Assigned
Attorney Docket Number	65084.000013

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	FOREIGN PATENT DOCUMENT	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code Number-Kind Code (if known)				YES	NO
	2.					<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

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			YES	NO
/BP/	3.	NCBI Information AJ011889 Solanum tuberosum mRNA for starch branching enzymes II, sequence SBE A-5 (submitted 07 October 1998)	<input type="checkbox"/>	<input type="checkbox"/>
	4.	Ames "Assay of Inorganic Phosphate, Total Phosphate and Phosphatases" Complex Carbohydrates Volume VIII (1966)115-118	<input type="checkbox"/>	<input type="checkbox"/>
	5.	Deng et al. "Agrobacterium tumefaciens can transform Triticum aestivum and Hordeum vulgare of Gramineae." Science In China (Series B) 33(1): 27-33	<input type="checkbox"/>	<input type="checkbox"/>
	6.	Dixon and Antzen "Transgenic plant technology is entering the era of metabolic engineering." Tibtech (November 1997) 15: 441-444	<input type="checkbox"/>	<input type="checkbox"/>
↓	7.	Franken et al. "Recombinant proteins form transgenic plants." Current Opinion in Biotechnology (1997) 411-416	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
/BP	8.	Hoogkamp et al. "Development of amylose-free (amf) monoploid potatoes as new basic material for mutation breeding in vitro." Potato Research 43 (2000): 179-189	<input type="checkbox"/>	<input type="checkbox"/>
	9.	Ritchie et al. "Agrobacterium tumefaciens-mediated expression of gusA in maize tissues." Transgenic Research (1993) 2: 252-265	<input type="checkbox"/>	<input type="checkbox"/>
▼	10.	Satoh and Omura "New Endosperm Mutations Induced by Chemical Mutagens in Rice, Oryza sativa L." Japan J. Breed (1981) 31(3): 316-326	<input type="checkbox"/>	<input type="checkbox"/>
	11.		<input type="checkbox"/>	<input type="checkbox"/>
	12.		<input type="checkbox"/>	<input type="checkbox"/>

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/BP/	1.	US- 4962028			
	2.	US- 5034322			
	3.	US- 5639952			
	4.	US- 5656496			
V	5.	US- US 2002/032919			

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/BP/	6.	WO	00/08184	02/17/2000	Hoechst Schering Agrevo GMBH	<input type="checkbox"/>	<input type="checkbox"/>
	7.	WO	00/66745	11/09/2000	Commonwealth Scientific and Industrial Research Organisation, et al.	<input type="checkbox"/>	<input type="checkbox"/>
	8.	WO	91/01373	02/07/1991	Calgene, Inc.	<input type="checkbox"/>	<input type="checkbox"/>
	9.	WO	92/11376	07/09/1992	Amylogene HB	<input type="checkbox"/>	<input type="checkbox"/>
	10.	WO	93/07279	04/15/1993	Smart Plants International Inc.	<input type="checkbox"/>	<input type="checkbox"/>
	11.	WO	95/06128	03/02/1995	Dekalb Genetics Corp.	<input type="checkbox"/>	<input type="checkbox"/>
	12.	WO	95/15972	06/15/1995	Thomas Jefferson University	<input type="checkbox"/>	<input type="checkbox"/>
V	13.	WO	96/34968	11/07/1996	National Starch and Chemical Investment Holding Corp.	<input type="checkbox"/>	<input type="checkbox"/>

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/BR/14.	WO	97/04112	02/06/1997	Danisco A/S		<input type="checkbox"/>	<input type="checkbox"/>
	15.	WO	97/04113	02/06/1997	Danisco A/S	<input type="checkbox"/>	<input type="checkbox"/>
	16.	WO	97/20040	06/05/1997	Amylogene HB	<input type="checkbox"/>	<input type="checkbox"/>
	17.	WO	98/37213	08/27/1998	Danisco A/S	<input type="checkbox"/>	<input type="checkbox"/>
	18.	WO	98/37214	08/27/1998	Danisco A/S	<input type="checkbox"/>	<input type="checkbox"/>
	19.	WO	99/53050	10/21/1999	Commonwealth Scientific and Industrial Research Organisation	<input type="checkbox"/>	<input type="checkbox"/>
↓	20.	EP	0513849	11/19/1992	CIBA-GEIGY AG	<input type="checkbox"/>	<input type="checkbox"/>
	21.	EP	0120516	10/03/1984	Rijksuniversiteit Leiden	<input type="checkbox"/>	<input type="checkbox"/>
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/BP/	22.	WO	99/66050	12/23/1999	National Starch and Chemical Investment Holding Corp.	<input type="checkbox"/>	<input type="checkbox"/>	
	23.	EP	0292435	11/23/1988	CIBA-GEIGY AG	<input type="checkbox"/>	<input type="checkbox"/>	
	24.	EP	0321201	06/21/1989	Commonwealth Scientific and Industrial Research Organisation	<input type="checkbox"/>	<input type="checkbox"/>	
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			YES	NO
/BP	26.	Aarts et al. (1993) Nature 363: 715-717	<input type="checkbox"/>	<input type="checkbox"/>
	27.	Abel et al. (1996) The Plant Journal 10(6): 981-991	<input type="checkbox"/>	<input type="checkbox"/>
	28.	Altman et al. (1992) Theoretical and Applied Genetics 84: 371-383	<input type="checkbox"/>	<input type="checkbox"/>
	29.	An et al. (1985) EMBO J. 4: 277-287	<input type="checkbox"/>	<input type="checkbox"/>
	30.	Atipiroz-Leehan and Feldmann (1997) Trends in genetics 13 (4): 152-156	<input type="checkbox"/>	<input type="checkbox"/>
	31.	Baba et al. (1991) "Sequence Conservation of the Catalytic Regions of Amylolytic 1 Enzymes in Maize Branching Enzyme-I," Biochemical and Biophysical Research Communications, Vol. 181(1): 98-94	<input type="checkbox"/>	<input type="checkbox"/>
	32.	Bachem et al. (1996) The Plant Journal 9(5): 745-753	<input type="checkbox"/>	<input type="checkbox"/>
V	33.	Bansal et al. (1992) PNAS USA 89: 3654-3658	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
/BP/	34.	Baumlein et al. (1991) Mol. Gen. Genet. 225: 459-467	<input type="checkbox"/>	<input type="checkbox"/>
	35.	Beetham et al., (1999) PNAS 96: 8774-8778	<input type="checkbox"/>	<input type="checkbox"/>
	36.	Belzile and Yoder (1992) The Plant Journal 2(2): 173-179	<input type="checkbox"/>	<input type="checkbox"/>
	37.	Bevan (1984) Nucleic Acid Research 12: 8711-8721	<input type="checkbox"/>	<input type="checkbox"/>
	38.	A. Blennow, et al. (2002) "Starch phosphorylation: a new front line in starch research", Trends in Plant Science, Vol. 7(10): 445-450	<input type="checkbox"/>	<input type="checkbox"/>
	39.	Bolivar et al. (1977) Construction and Characterization of new cloning vehicles II. Gene 2: 95-113	<input type="checkbox"/>	<input type="checkbox"/>
	40.	Castiglioni et al. (1998) Genetics 149: 2039-2056	<input type="checkbox"/>	<input type="checkbox"/>
▼	41.	Chan et al. (1993) Plant Mol. Biol. 22: 491-506	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
/BP	42.	Cho et al. (1999) Nature Genetics 23: 203-207	<input type="checkbox"/>	<input type="checkbox"/>
	43.	Cole-Strauss et al. (1996) Science 273: 1386-1389	<input type="checkbox"/>	<input type="checkbox"/>
	44.	Conner and Domisse (1992) Int. J. Plant Sci. 153: 550-555	<input type="checkbox"/>	<input type="checkbox"/>
	45.	Cornelissen and Vanderwiele (1989) Nucleic Acid Research 17: 19-25	<input type="checkbox"/>	<input type="checkbox"/>
	46.	de Borne et al. (1994) Mol. Gen. Genet. 243: 613-621	<input type="checkbox"/>	<input type="checkbox"/>
	47.	de Feyter et al. (1996) Mol. Gen. Genet. 250: 329-338	<input type="checkbox"/>	<input type="checkbox"/>
	48.	Drenkard et al. (2000) Plant Physiology 124: 1483-1492	<input type="checkbox"/>	<input type="checkbox"/>
↓	49.	Edwards et al. (February 1999) Plant Journal 17(3): 251-261	<input type="checkbox"/>	<input type="checkbox"/>

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/BP/	50.	Enoki et al. (1999) The Plant Journal 19 (5): 605-613		
	51.	Fiedler et al. (1993) Plant Mol. Biol. 22: 669-679		
	52.	Frey et al. (1989) Molecular and General Genetics 217: 172-177		
	53.	Fromm et al. (1990) Biotechnology 8: 833-844		
	54.	Gao et al. (1998) Plant Cell 10(3): 399-412		
	55.	Gérard et al. (2001) Carbohydrate Polymers 44: 19-27		
	56.	Gielen et al. (1984) EMBO J. 3: 835-846		
V	57.	Gordon-Kamm et al. (1990) Plant Cell 2: 603-618		
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			YES	NO
/BP/	58.	Greco et al. (2001) Plant Physiology 125: 1175-1177	<input type="checkbox"/>	<input type="checkbox"/>
	59.	Gupta and Sharma (1990) Oryza 27: 217-219	<input type="checkbox"/>	<input type="checkbox"/>
	60.	Hanley et al. (2000) "Identification of transposon-tagged genes by the random sequencing of Mutator-tagged DNA fragments from Zea mays." The Plant Journal 23(4): 557-566	<input type="checkbox"/>	<input type="checkbox"/>
	61.	Hiei et al. (1994) Plant J. 271-282	<input type="checkbox"/>	<input type="checkbox"/>
	62.	Hirochika (2001) Current Opinion in Plant Biology 4: 118-122	<input type="checkbox"/>	<input type="checkbox"/>
	63.	Hizukuri and Takagi (1984) Carbohydrate Res. 134: 1-10	<input type="checkbox"/>	<input type="checkbox"/>
	64.	Höfgen and Willmitzer (1990) Plant Sci. 66: 221-230	<input type="checkbox"/>	<input type="checkbox"/>
	65.	Hovenkamp-Hermelink et al (1987) Theoretical and Applied Genetics 75: 217-221	<input type="checkbox"/>	<input type="checkbox"/>
	66.	Itoh et al. (1984) Genetic and molecular characterization of the <i>Pseudomonas</i> plasmid pVS1. Plasmid 11: 206-220	<input type="checkbox"/>	<input type="checkbox"/>
↓	67.	Jarvis et al. (1994) Plant Molecular Biology 24: 685-687	<input type="checkbox"/>	<input type="checkbox"/>

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			<input type="checkbox"/> YES	<input type="checkbox"/> NO
/BP/	68.	Ali and Siddiq (1999) Indian Journal of Genetics 59(1): 23-28	<input type="checkbox"/>	<input type="checkbox"/>
	69.	Jeon et al. (2000) The Plant Journal 22(6): 561-570	<input type="checkbox"/>	<input type="checkbox"/>
	70.	Jeon et al. (2001) "Gene tagging in rice: a high throughput system for functional genomics." Plant Science 161: 211-219	<input type="checkbox"/>	<input type="checkbox"/>
	71.	Jobling et al. (1999) The Plant Journal 18(2):163-71	<input type="checkbox"/>	<input type="checkbox"/>
	72.	Jorgensen (1990) "Altered gene expression in plants due to trans interactions between homologous genes." Trends Biotechnol. 8: 340-344	<input type="checkbox"/>	<input type="checkbox"/>
	73.	Khoshnoodi, et al. (1996) "The multiple forms of starch-branching enzyme I in <i>Solanum tuberosum</i> ," Eur. J. Biochem. 242: 148-155	<input type="checkbox"/>	<input type="checkbox"/>
	74.	Kim, et al. (1998) "Genomic Organization and Promoter Activity of the Maize Starch Branching Enzyme I Gene," Gene 216: 233-243	<input type="checkbox"/>	<input type="checkbox"/>
	75.	Knapp et al. (1988) Molecular and General Genetics 213: 285-290	<input type="checkbox"/>	<input type="checkbox"/>
	76.	Konieczny and Ausubel (1993) The Plant Journal 4: 403-410	<input type="checkbox"/>	<input type="checkbox"/>
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/BP/	78.	Kossmann and Lloyd (2000) Critical Reviews in Plant Sciences 19(3): 171-126	<input type="checkbox"/>	<input type="checkbox"/>
	79.	Koßmann, et al. (1991) "Cloning and expression analysis of a potato cDNA that encodes branching enzyme: evidence of co-expression of starch biosynthetic genes," Mol. Gen. Genet (1991) 230:39-44	<input type="checkbox"/>	<input type="checkbox"/>
	80.	Koziel et al. (1993) Biotechnology 11: 194-200	<input type="checkbox"/>	<input type="checkbox"/>
	81.	Kren et al. (1997) Hepatology 25: 1462-1468	<input type="checkbox"/>	<input type="checkbox"/>
	82.	Krens et al. (1982) Nature 296: 72-74	<input type="checkbox"/>	<input type="checkbox"/>
	83.	Krysan et al. (1999) The Plant Cell 11: 2283-2290	<input type="checkbox"/>	<input type="checkbox"/>
	84.	Kugimiya et al. (1999) The Journal of Food Science 46: 765-770	<input type="checkbox"/>	<input type="checkbox"/>
	85.	Kumar and Hirochika (2001) Trends in Plant Science 6 (3): 127-134	<input type="checkbox"/>	<input type="checkbox"/>
	86.	Larsson, et al. (1998) "Molecular cloning and characterization of starch-branching enzyme II from potato", Plant Molecular Biology 37:505-511	<input type="checkbox"/>	<input type="checkbox"/>
	87.	Leister and Dean (1993) The Plant Journal 4(4): 745-750	<input type="checkbox"/>	<input type="checkbox"/>
V	88.	Leisy et al. (1990) Plant Mol. Biol. 14: 41-50	<input type="checkbox"/>	<input type="checkbox"/>
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/BP	89.	Li et al. (2000) Plant Physiology 123: 613-624	<input type="checkbox"/>	<input type="checkbox"/>
	90.	Liu et al. (1999) Molecular and General Genetics 262: 413-420	<input type="checkbox"/>	<input type="checkbox"/>
	91.	Liu et al. (2000) Biochemical Society Transactions 28(6): 927-929	<input type="checkbox"/>	<input type="checkbox"/>
	92.	Lloyd et al. (1 March 1999) Biochemical Journal 338(2): 515-521	<input type="checkbox"/>	<input type="checkbox"/>
	93.	Maes et al. (1999) Trends in Plant Science 4(3) 90-96	<input type="checkbox"/>	<input type="checkbox"/>
	94.	Marshall et al. (1996) The Plant Cell 8: 1121-1135	<input type="checkbox"/>	<input type="checkbox"/>
	95.	May et al. Bio/Technology (1995) 13: 486-492	<input type="checkbox"/>	<input type="checkbox"/>
	96.	McCallum et al. (2000) Plant Physiology 123: 439-442	<input type="checkbox"/>	<input type="checkbox"/>
▼	97.	McKinney et al. (1995) The Plant Journal 8(4): 613-622	<input type="checkbox"/>	<input type="checkbox"/>

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Substitute for form 1449A/PTO		Application Number	10/539,723	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Filing Date	June 20, 2005	
		First Named Inventor	Michaela HOEHNE et al.	
		Art Unit	1638	
		Examiner Name	To Be Assigned	
Sheet	12 of 16	Attorney Docket Number	65084.000013	

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
/BP/	98.	Meksem et al. (2001) Molecular Genetics and Genomics 265: 207-214	<input type="checkbox"/>	<input type="checkbox"/>
	99.	Mette et al. (2000) EMBO J. 19: 5194-5201	<input type="checkbox"/>	<input type="checkbox"/>
	100.	Meyer et al. (1998) Molecular and General Genetics 259: 150-160	<input type="checkbox"/>	<input type="checkbox"/>
	101.	Mórocz et al. (2000) Theor. Appl. Genet. 80: 721-726	<input type="checkbox"/>	<input type="checkbox"/>
	102.	Morrison and Laignelet (1983) J Cereal Sc. 1: 9-20	<input type="checkbox"/>	<input type="checkbox"/>
	103.	Müller (1972) Biologisches Zentralblatt 91(1): 31-48	<input type="checkbox"/>	<input type="checkbox"/>
	104.	Nam et al. (1989) The Plant Cell 1: 699-705	<input type="checkbox"/>	<input type="checkbox"/>
	105.	Nehra et al. (1994) Plant J. 5: 285-297	<input type="checkbox"/>	<input type="checkbox"/>
	106.	Nielsen et al. (1994) Plant Physiol. 105: 111-117	<input type="checkbox"/>	<input type="checkbox"/>
	107.	Odell et al. (1985) Nature 313: 810-812	<input type="checkbox"/>	<input type="checkbox"/>
▼	108.	Owen (1992) Bio/Technology 10: 790-794	<input type="checkbox"/>	<input type="checkbox"/>

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		Examiner Name	To Be Assigned	
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			YES	NO
/BP/	109.	Palaqui and Vaucheret (1995) Plant. Mol. Biol. 29: 149-159	<input type="checkbox"/>	<input type="checkbox"/>
	110.	Parinov and Sundaresan (2000) Current Opinion in Biotechnology 11: 157-161	<input type="checkbox"/>	<input type="checkbox"/>
	111.	Parinov et al. (1999) The Plant Cell 11: 2263-2270	<input type="checkbox"/>	<input type="checkbox"/>
	112.	Pedersen et al. (1982) Cell 29: 1015-1026	<input type="checkbox"/>	<input type="checkbox"/>
	113.	Qi et al. (2001) Nucleic Acids Research 29(22): e116	<input type="checkbox"/>	<input type="checkbox"/>
	114.	Quattroccio et al. (1990) Plant Mol. Biol. 15: 81-93	<input type="checkbox"/>	<input type="checkbox"/>
	115.	Ramachandran and Sundaresan (2001) Plant Physiology and Biochemistry 39: 243-252	<input type="checkbox"/>	<input type="checkbox"/>
↓	116.	Rao (1977) Cytologia 42: 443-450	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
/BP/	117.	Ritala et al. (1994) Plant Mol. Biol. 24: 317-325	<input type="checkbox"/>	<input type="checkbox"/>
	118.	Rocha-Sosa et al. (1989) EMBO J. 8: 23-29	<input type="checkbox"/>	<input type="checkbox"/>
	119.	Safford et al. (1998) Carbohydrate Polymers 35: 155-168	<input type="checkbox"/>	<input type="checkbox"/>
	120.	Scarascia-Mugnozza et al. (1993) Mutation Breeding Review 10: 1-28	<input type="checkbox"/>	<input type="checkbox"/>
	121.	Schmidt and Willmitzer (1989) Molecular and General Genetics 220: 17-24	<input type="checkbox"/>	<input type="checkbox"/>
	122.	Schwall et al. (2000) Nature Biotechnology 18: 551-554	<input type="checkbox"/>	<input type="checkbox"/>
	123.	Sievert and Holm (1993) Starch/Stärke 45(4): 136-139	<input type="checkbox"/>	<input type="checkbox"/>
	124.	Singh et al. (2000) Biochemical Society Transactions 28(6): 925-927	<input type="checkbox"/>	<input type="checkbox"/>
↓	125.	Slattery et al. (July 2000) Trends in Plant Science 5(7): 291-298	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
/BP/	126.	Smith et al. (2000) Nature 407: 319-320	<input type="checkbox"/>	<input type="checkbox"/>
	127.	Smith-White et al. (1994) "Suggested Mnemonics for Cloned DNA Corresponding to Enzymes Involved in Starch Metabolism", Plant Molecular Biology Reporter 12: S67-S71	<input type="checkbox"/>	<input type="checkbox"/>
	128.	Spencer et al. (1990) Theor. Appl. Genet. 79: 625-631	<input type="checkbox"/>	<input type="checkbox"/>
	129.	Stockhaus et al. (1987) PNAS USA 84: 7943-7947	<input type="checkbox"/>	<input type="checkbox"/>
	130.	Stockhaus et al. (1989) EMBO J. 8: 2445-2451	<input type="checkbox"/>	<input type="checkbox"/>
	131.	Thompson et al. (1987) The EMBO Journal 6: 2519-2523	<input type="checkbox"/>	<input type="checkbox"/>
	132.	Thompson et al. (1994) Nucleic Acids Research 22: 4673-4680	<input type="checkbox"/>	<input type="checkbox"/>
	133.	Thorneycroft et al. (2001) Journal of Experimental Botany 52: 1593-1601	<input type="checkbox"/>	<input type="checkbox"/>
	134.	Tissier et al. (1999) The Plant Cell 11: 1841-1852	<input type="checkbox"/>	<input type="checkbox"/>
	135.	Tolmasky (1990) Sequencing and Expression of aadA, bla, and tnpR from the multiresistance transposon Tn1331 Plasmid 24(3): 218-226	<input type="checkbox"/>	<input type="checkbox"/>
↓	136.	Tolmasky and Crosa (1993) Genetic organization of antibiotic resistance genes (acc(6')-Ib, aadA, and oxa9) in the multiresistance transposon Tn 1331. Plasmid 29(1): 31-40	<input type="checkbox"/>	<input type="checkbox"/>

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			YES	NO
/BP/	137.	Vasil et al. Bio/Technology (1993) 11: 1553-1558	<input type="checkbox"/>	<input type="checkbox"/>
	138.	Vaucheret et al. (1995) Mol. Gen. Genet. 248: 311-317	<input type="checkbox"/>	<input type="checkbox"/>
	139.	Wan and Lemaux (1994) Plant Physiol. 104: 37-48	<input type="checkbox"/>	<input type="checkbox"/>
	140.	Wang and Waterhouse (2000) Plant Mol. Biol. 43: 67-82	<input type="checkbox"/>	<input type="checkbox"/>
	141.	Waterhouse et al. (1998) PNAS 95: 13959-13964	<input type="checkbox"/>	<input type="checkbox"/>
	142.	Werr et al. (1993) EMBO J. 4: 1373-1380	<input type="checkbox"/>	<input type="checkbox"/>
	143.	Whitelam (1996) Trends Plant Sci. 1: 268-272	<input type="checkbox"/>	<input type="checkbox"/>
	144.	Wilming et al. (1992) Plant Cell Reports 11: 76-80	<input type="checkbox"/>	<input type="checkbox"/>
	145.	Yoshihara et al. (1996) FEBS Lett. 383: 213-218	<input type="checkbox"/>	<input type="checkbox"/>
	146.	Young et al. (2001) Plant Physiology 125: 513-518	<input type="checkbox"/>	<input type="checkbox"/>
↓	147.	Zheng et al. (1993) Plant J. 4: 357-366	<input type="checkbox"/>	<input type="checkbox"/>

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